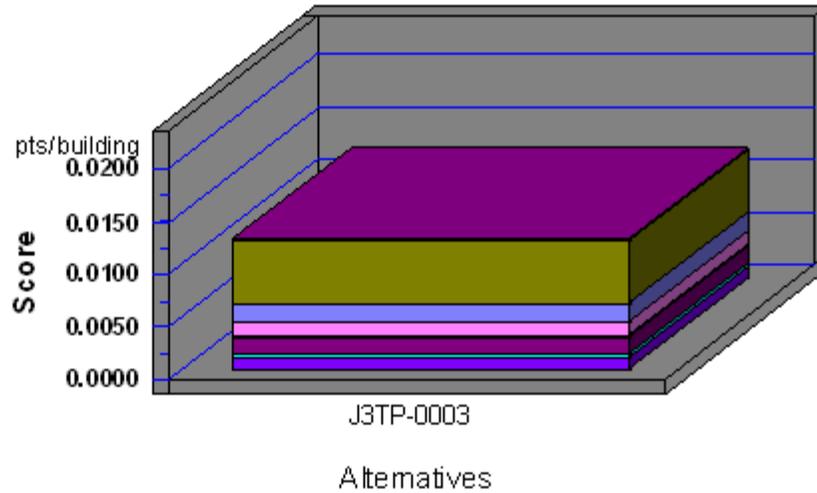


BEES Results: Concrete and Asphalt Cleaners

Functional Unit: 1 gallon

Environmental Performance

Acidification
Crit. Air Pollutants
Ecological Toxicity
Eutrophication
Fossil Fuel Depletion
Global Warming
Habitat Alteration
Human Health
Indoor Air
Ozone Depletion
Smog
Water Intake



Note: Lower values are better

Category	J3TP-0003
Acidification--3%	0.0000
Crit. Air Pollutants--9%	0.0001
Ecolog. Toxicity--7%	0.0060
Eutrophication--6%	0.0017
Fossil Fuel Depl.--10%	0.0013
Global Warming--29%	0.0002
Habitat Alteration--6%	0.0000
Human Health--13%	0.0015
Indoor Air--3%	0.0000
Ozone Depletion--2%	0.0000
Smog--4%	0.0004
Water Intake--8%	0.0012
Sum	0.0124

BEES Results: Concrete and Asphalt Cleaners

Functional Unit: 1 gallon

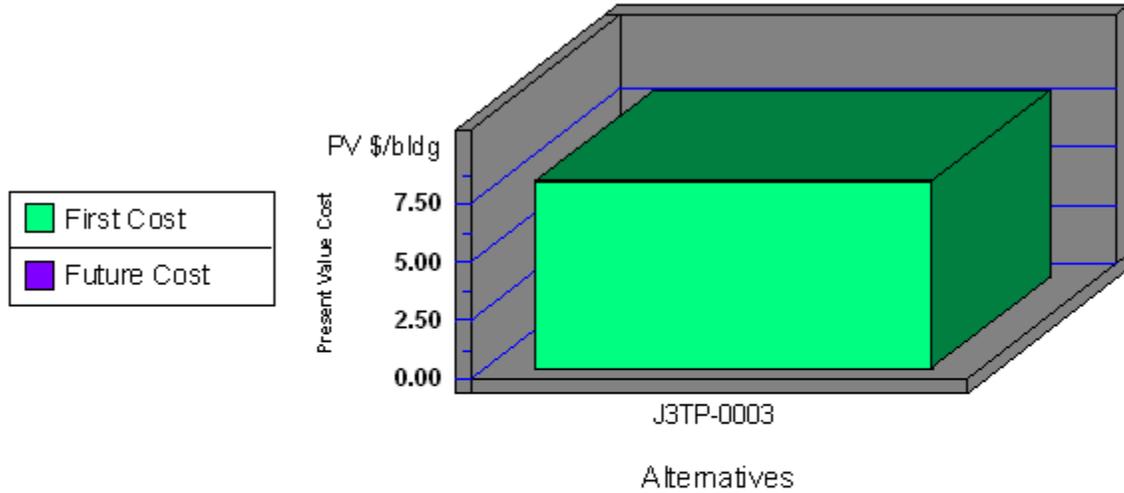
Concrete and Asphalt Cleaners		
Impacts	Units	J3TP-0003
Acidification	millimoles H ⁺ equivalents	8.15E+02
Criteria Air Polutants	microDALYs	2.06E-01
Ecotoxicity	g 2,4-D equivalents	7.00E+01
Eutrophication	g N equivalents	5.56E+00
Fossil Fuel Depletion	MJ surplus energy	4.68E+00
Global Warming	g CO ₂ equivalents	2.04E+02
Habitat Alteration	T&E count	0.00E+00
Human Health--Cancer	g C ₆ H ₆ equivalents	9.77E-01
Human Health--NonCancer	g C ₇ H ₈ equivalents	1.22E+03
Indoor Air Quality	g TVOCs	0.00E+00
Ozone Depletion	g CFC-11 equivalents	3.89E-05
Smog	g NO _x equivalents	1.39E+01
Water Intake	liters of water	7.77E+01
Functional Unit	-----	1 gallon

1 Following are more complete descriptions of units: Acidification: millimoles of hydrogen ion equivalents; Criteria Air Pollutants: micro Disability-Adjusted Life Years; Ecological Toxicity: grams of 2,4-dichlorophenoxy-acetic acid equivalents; Eutrophication: grams of nitrogen equivalents; Fossil Fuel Depletion: megajoules of surplus energy; Global Warming: grams of carbon dioxide equivalents; Habitat Alteration: threatened and endangered species count; Human Health-Cancer: grams of benzene equivalents; Human Health-NonCancer: grams of toluene equivalents; Indoor Air Quality: grams of Total Volatile Organic Compounds; Ozone Depletion: grams of chloroflourocarbon-11 equivalents; Smog: grams of nitrogen oxide equivalents; and Water Intake: liters of water.

BEES Results: Concrete and Asphalt Cleaners

Functional Unit: 1 gallon

Economic Performance

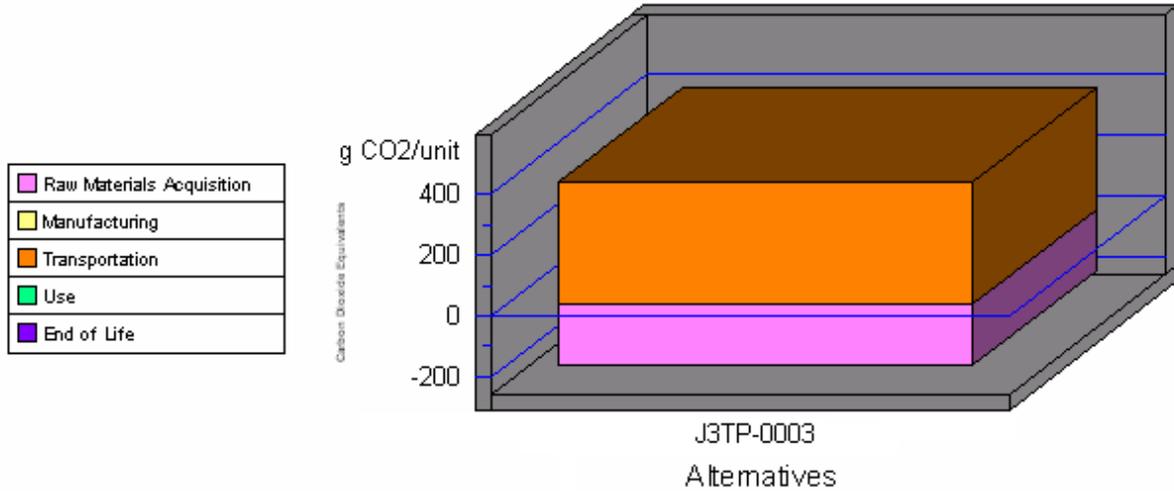


*This is a consumable product. Therefore, future costs are not calculated.

BEES Results: Concrete and Asphalt Cleaners

Functional Unit: 1 gallon

Global Warming by Life-Cycle Stage



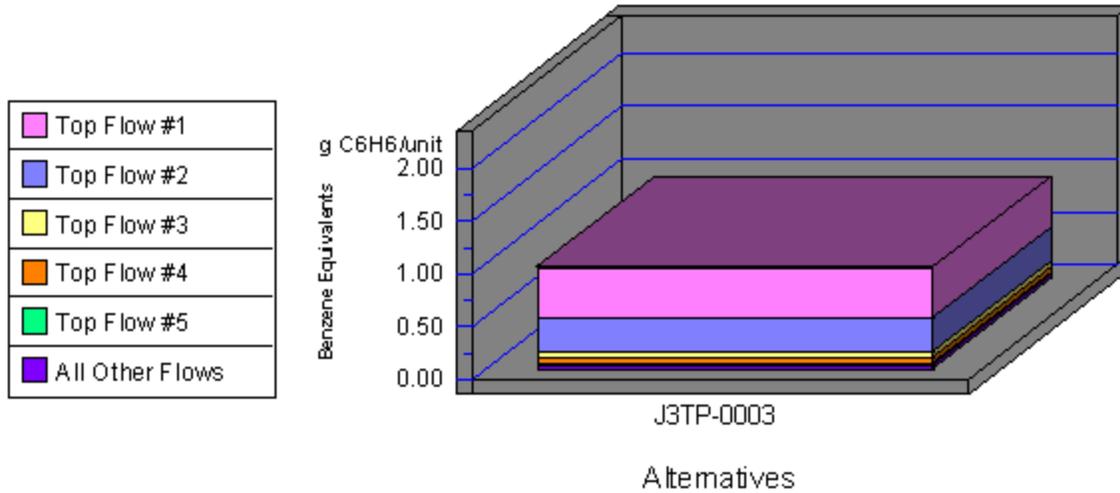
Note: Lower values are better

Category	J3TP-0003
1. Raw Materials	-201
2. Manufacturing	4
3. Transportation	401
4. Use	0
5. End of Life	0
Sum	204

BEES Results: Concrete and Asphalt Cleaners

Functional Unit: 1 gallon

Human Health Cancer by Sorted Flows*



Note: Lower values are better

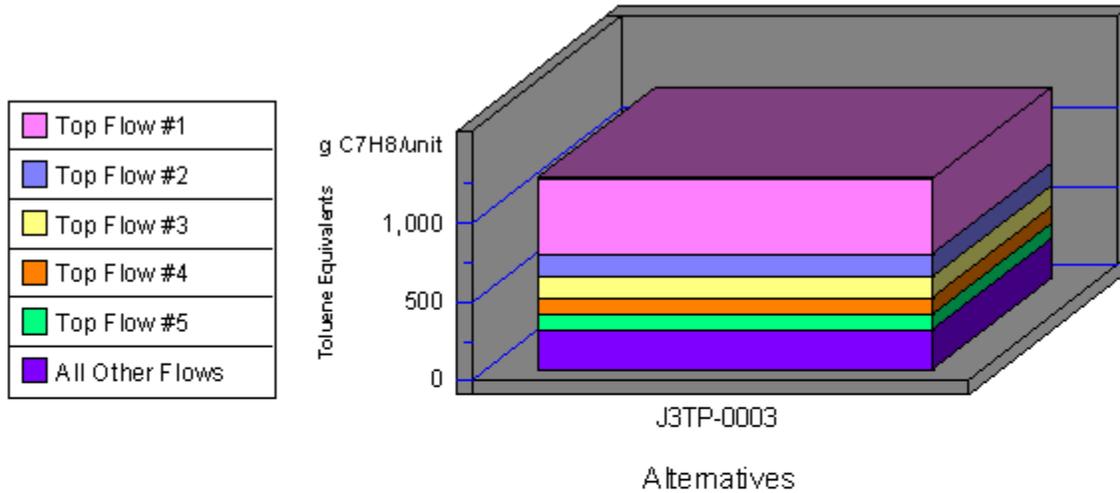
Category	J3TP-0003
Cancer--(w) Arsenic (As3+, As5+)	0.48
Cancer--(w) Phenol (C6H5OH)	0.32
Cancer--(a) Arsenic (As)	0.05
Cancer--(a) Dioxins (unspecifie)	0.05
Cancer--(a) Benzene (C6H6)	0.02
All Others	0.05
Sum	0.98

*Sorted by five topmost flows for worst-scoring product

BEES Results: Concrete and Asphalt Cleaners

Functional Unit: 1 gallon

Human Health Noncancer by Sorted Flows*



Note: Lower values are better

Category	J3TP-0003
Noncancer--(a) Mercury (Hg)	480.00
Noncancer--(a) Lead (Pb)	148.85
Noncancer--(w) Barium (Ba++)	122.93
Noncancer--(a) Cadmium (Cd)	110.99
Noncancer--(w) Lead (Pb++, Pb4+)	98.46
All Others	255.86
Sum	1,217.09

*Sorted by five topmost flows for worst-scoring product